

2/2 Igor Belic, etc. (3)

NaNO_2 in H_2SO_4 to produce 1-nitroso-2-naphthol, which upon the addn. of NaHSO_3 and H_2SO_4 gives 1-amino-2-naphthol-4-sulfonic acid. This is then subjected to the diazo reaction to form 1-diazo-2-naphthol-4-sulfonic acid. The Na salt of this acid is treated with a soln. of the Na salt of 2-naphthol. This produces a dark blue dye. (6) Nigrosine; this dye is prepd. by heating PhNH_2 , HCl with PhNO_2 and treating the reaction product with NaOH . The syntheses of azo dyes and of indanthrene dyes are also discussed.

J. Rovtat Louch

STOJKOVIC, I.

Yugoslavia (430)

Technology

Production of synthetic soap. n. 140, Nova
Proizvodnja, Vol. 2, no 2/4, August 1951.

East European Accessions List, Library of Congress,
Vol. 2, No. 3, March 1953. UNCLASSIFIED.

Abstracts of the
"The Administration of the United States from the Water." 1. 10.
(New York: ... Vol. 1, no. 1, Apr. 1951, 140 pages.)

00: Abstracts of the ... Vol. 1, no. 1, Library of Congress, September
1951, Encl.

YUGOSLAVIA / Chemical Technology. Chemical Products and H
Their Application. Dyeing and Chemical treat-
ment of Textile Materials.

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33632.

Author : Stojkovic, I.

Inst : Not given.

Title : Washing Wool in a Neutral Medium of Anion-Active
Preparations.

Orig Pub: Tekstilna ind., 1958, 6, No 1, 23-28.

Abstract: The effect of different anion-active preparations
used in washing wool upon obtaining high-quality
yarn, is examined. An evaluation of 11 prepara-
tions, produced in Yugoslavia, is provided. --
Z. Lebedeva.

Card 1/1

YUGOSLAVIA / Chemical Technology. Chemical
Their Application. Dyeing and Chemical
treatment of Textile Materials.

Author : Stojkovic, I.

Title : Intermediate Control in the Bleaching of
Wool Thread

Orig Pub: Tekstil. ind., 7, No 10, 200-207

Abstract: A detailed review of the bleaching process
applied to thread (No 10) made of Belgian
flax covering each of the six classical phases
with the determination of concentrations in
the bleaching baths, the temperature and at
the end of each stage, changes of chemical
composition, strength, elongation of threads,
degree of cellulose solubilization, and the
degree of whiteness of threads. The value
of the cell wall solubilization degree is
treatment of textile materials.

STOJKOVIC, Ivo, prof., dipl. inž.; IVANO, Lora, dipl. inž.

Influence of enzymes on the decomposition of hydrogen peroxide in cotton bleaching. Tekstil Zagreb 18 no. 1: 4-13 Ja '64.

1. Fakulteta za naravoslovje in tehniko, Oddelek za tekstilno tehnologijo Univerze v Ljubljani (for Stojkovic).

STOJKOVIC, Ivo, prof., dipl. inz.; KUKOVEC, Helena, dipl. inz.

Concentrations of anionic surface-active substances in solutions. Tekstil Zagreb 13 no. 2: 69-78 F '64.

1. Head, Department of Textile Technology, Faculty of Natural Sciences and Technology, Univeristy of Ljubljana (for Stojkovic).

STOJKOVIC, Ivan

The Mekong River, navigation artery of the countries of Indochina. Medun transp 8 no.3:185-186 Mr '62

STCJKA 112, 1.

"Research into the vegetation period of our winter wheat (Grain winter
7111) as a contribution to the study of its phenology. 1. 12, (Lith. R.
Soviet Union, Vol. 4, No. 4, 1955, Leningrad, Yuzovskaya)

So. monthly list of 20 European countries, (Lith. R., Vol. 4, No. 4,
Apr. 1955, 1955).

STOKOVIC, L., prof. dr.

Anniversary of "Stari na poljoprivredne nauke". Zbir prii Mat
srp 29:151-190 163

YUGO

/Some viral, rickettsial, and leptospiral infections during 1950-1951.
A. L. Isakova, M. N. Il'inskiy, M. V. Mironovskiy, I. A. Sidorovskiy,
and M. M. Dimidoff. *Russk. Med. Zh.* 1951, 52, 121-128.
is given of the viral, rickettsial, and leptospiral infections which
with viral, rickettsial, and leptospiral infections. The material
material is made up of about 200 tests performed on a wide range
serum obtained from 2430 patients and 596 animals. The results
of the various diseases, the distribution of the positive results
according to diseases, and the height of the specific titres, as well as
the height of the specific titres found in the blood and in the
and in the

TODOROVIC, K.; TERZIN, A.L.; STOJKOVIC, Lj.

First cases of aseptic meningitis caused by viral lymphocytic
choriomeningitis diagnosed in Yugoslavia. Glas. Srpske akad.
nauka, odelj.med. 215 no.9:101-116 1955.

1. Rad iz Infektivne klinike, Beograd i Virusoloskog odeljenja
Higijenskog instituta NRS, Beograd.

(MENINGITIS,

lymphocytic choriomeningitis causing aseptic meningitis)

(VIRUS DISEASES,

lymphocytic choriomeningitis causing aseptic meningitis)

VUKSIC, Lj.; ARSIC, B.; MEL, D.; MORELJ, M.; GERBEC, M.; MILOVANOVIC, M.;
STOJKOVIC, Lj.; MIRKOVIC, M.; MILIVOJEVIC, M.

Isolation of *Coxiella burnetti* from stable dust. Higijena,
Beogr. 8 no.4:240-245 1956.

1. Katedra za Higijenu i epidemiologiju VMA. Virusološko
oddeljenje Higijenskog instituta MRS, Beograd.

(COXIELLA BURNETTI,

isolation from stable dust (Ser))

(DUST,

isolation of *Coxiella burnetti* from stable dust (Ser))

STOJKOVIC, Ljubinko, dr

Immunology of poliomyelitis and specific protection. Med.glasn. 14
no.5a:288-291 My '60.
(POLIOMYELITIS immunol)
(VACCINATION)

JANJIC, Tomislav J.; CELAP, Milenko B.; STOJKOVIC, Ljubisa

Semiquantitative determination of ion microamounts by visual colorimetry of the spots obtained with the aid of partition paper chromatography. Pt. 1. Glas Hem dr 27 no.5/6:283-288 '62.

1. Faculty of Sciences, Institute of Chemistry, Beograd.

1. Statement
2. Statement
3. Statement
4. Statement
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9. Statement
10. Statement

SIODROV10, M.

"Determining the most advantageous number of passengers per axle." p. 28. (Zeleznice.
Vol. 10, no. 1, Jan. 1954. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

Y/009/62/000,002,002,002
1035/1235

AUTHOR: Stojković, Moćmilo, public employee

TITLE: The gyroscope in the stabilization and guidance of rockets

PERIODICAL: Vazduhoplovni glasnik, no. 2, 1962, 146-150

TEXT: Popular, low level exposition of the role of gyroscopes in stabilization and guidance systems of rockets. No references are given.



Card 1/1

STOJKOVIC, Slobodan, inz. ek.

Changes in the structure of Vojvodina's land fund. Zbor prir
Mat srp no.21:132-141 '61.

1. Visa ekonomsko-komercijalna skola u Peci, Metohija.

STOJKOVIC, Vitomir

Labor productivity in the wool industry of Yugoslavia in 1960. Produktivnost 3 no.11:712-719 M '61.

1. Jugoslovenski zavod za produktivnost rada, Beograd.

STOJKOVIC, Vuko

Educational center of the electric power industry. Elektroprivreda
14 no.10:539-541 0 '6].

STOJKOVIC, Yuko ..

Formation of cadres in the electric-power industry. Elektroprivreda
15 no.9/10:462-470 9-0 '62.

LETOJEVIC, L.

Method of the development of training under the rules of firing with
ground artillery, p. 21

VOJNI GLASNIK (Jugoslavenska narodna armija) Beograd, Yugoslavia.
Vol. 12, no. 1, Jan 1958

Monthly List of East Europe Accessions EEAI IC, Vol. 6, no. 6, June 1959
Uncla.

STOJKOVSKA, ANGELINA

Results of comparative research laboratory methods for
readily absorbable phosphorus in soil analyses. Angelina
Stojkova (Univ. Skopje, Yugoslavia). *Godisen Zbornik*
Zemjodelsko-Sa narodnoi Fak. Univ. Skopje 6-7, 223-40
(1952-53; 1953-54) (Pub. 1955) (in Cyrillic Serbian) (Ger-
man summary).—Tabulated data are given for 5 methods
of P detn. in soils, and their relative merits are discussed.
Lucien Y. Dycanloath

STOJSAVLJEVIC, Dusanka, inz.; DOKIC, Vera, inz.

The 4th International Symposium on Gas Chromatography in
Hamburg, 1962. Rudar glasnik no.4:136-137 '62.

1. Zavod za tehnolosku preradu mineralnih sirovina Rudarskog
instituta, Beograd.

STOJSAVIJEVIC, Tihomir, dipl. hem., saradnik, MOJIN, Dordo

Determining dry matter in the feedstuff with syrup consistency. Tehnika Jug 18 no.5:Suppl.:Prehrana ind 17 no. 5:936-939 My '63.

1. Institut za prehrambenu industriju, Novi Sad.

STOJSIC, Aleksandar, inz. (Sase kod Bratunca, Rudnik Srebrenica)

"Srebrenica," a new plant for the dressing of lead-zinc ores. Tehnika
Jug 17 no.9: Suppl. Rudarstvo metalurg 13 no.9:1695-1701 S '62.

1. Upravnik flotacije "Srebrenica", Sase.

STASSIC, L.

The International Railway Union and the uniformity of railroad freight rates.p. 31.

(ZILEZNIK. Vol. 13, No. 6, June 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EIAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

STOJSIC, D.

Privileged forwarding and the sender of forwarded shipment. Medun
transp 7 no.11:1043-1044 N '61.

(Forwarding merchants)

STOJSIC, Dusan

Insuring the orderly delivery in the international freight forwarding. Medun transp 8 no.4:259-262 Ap '62.

STOJSIC, Dusan, ing., honorarni nastavnik. (Zagreb, Padovceva 6)

Shock waves and their parameters. Tehnika Jug 16 no.12:2098-2112 '61.

1. Tehnicki fakultet, Zagreb; vanjski saradnik "Geofizike", Zagreb.

STOJSIC, Dusan, inz. (Zagreb, Padovceva 6/II)

Detonation of explosive gaseous materials. Tehnika Jug 17
no.7:Suppl.: Rudarstvo metalurg 13 no.7.1289-1298 J1 '62.

1. Honorarni nastavnik na Tehnickom fakultetu i vanjski
saradnik "Geofizike", Zagreb.

L1093

Y/010/62/000/002/001/001
I035/1235

AUTHOR: Stojšić, Dusan, Engineer

TITLE: Fundamental parameters of explosion shock waves

PERIODICAL: Vojnotehnički Glasnik, no.2, 1962, 87-91

TEXT: The destructive effect of shock waves is in many cases determined by the specific impulse I_1 (explained as the product of the excess pressure in the shock wave by the duration of its action). Two empirical formulae for I_1 are given:

$$I_1 = A \cdot R^{-1} \cdot q^{2/3} \quad (19) \quad \text{and} \quad I_1 = 24 \cdot q \cdot R^{-2}, \quad (20)$$

where q is the quantity of explosive in kg, R - the distance in m, and A has a value between 25 and 40 for trotyl; the first formula is applicable for $R \geq 0.5 \cdot q^{1/3}$, the second for a smaller value of R . The latter part of the paper deals with the question of spacing explosive charges at distances that are sufficient to prevent sympathetic detonations. The minimal safe distance away from a charge of q kg

Card 1/2

Y/010/62/000/003/001/002
I035/I235

AUTHOR: Stojáć, Dušan, Engineer

TITLE: Fundamental parameters of explosion shock waves

PERIODICAL: Vojnotehnički Glasnik, no. 3, 1962, 174-177

TEXT: Popular exposition of mechanisms of explosion in gaseous mixtures. It is a continuation of a paper which appeared in the same periodical, no. 2, 1962; it is to be continued in no. 4, 1962. There are 2 tables.

Card 1/1

Y/010/62/000/005/002/003
I035/I233

AUTHOR: Stojic, Ljiljan, Engineer

TITLE: Fundamental parameters of explosion shock waves

PERIODICAL: Vojnotehnicki Glasnik, no. 5, 1962, 339-344

TEXT: Elementary exposition of mechanisms of detonations in liquid and solid explosives. A table gives the density, the density in the front of the detonation wave, the velocity and pressure of detonation, and the speed of the gases behind the detonation front for tetryl, hexogen, phlogmatyl, tetryl and pentrit. It is a continuation of a paper which appeared in the same periodical, no. 4, 1962. *There is a table*

Card 1/1

STOJSIC, Milorad, Asist., Dr.

Purulent meningitis (with the exception of meningococcal and pneumococcal type). Med. arh., Sarajevo 9 no.3:93-99 May-June 55.

1. Klinika za zarazne bolesti u Sarajevu. (Sef: prof. dr. Blagoje Dordevic).
(MENINGITIS, etiol. & pathogen.
bact. causing purulent meningitis. (Ser))

STOJSIC, Milorad, Dr.; VOJVODIC, Zineta, Dr.

Inoculation meningitis caused by bacillus pyocyaneus. Med arh.,
Sarajevo 10 no.1:41-47 Jan-Feb 56.

1. (Klinika za infektivne bolesti u Sarajevu. -Sef: prof. dr.
Bl. Dordevic).

(MENINGITIS, bacteriol.

Pseudomonas aeruginosa, caused by inoculation in child,
during lumbar puncture. (Ser))

(PUNCTURES, inj. eff.

lumbar puncture causing inoculation of Pseudomonas
aeruginosa & meningitis in child. (Ser))

(PSEUDOMONAS AERUGINOSA, infect.

meningitis, caused by inoculation during lumbar puncture
in child. (Ser))

STOJSIC, Milorad, Dr.

Common, unusual and complicated forms of whooping cough
(variations, diagnosis and therapy). Med. arh., Sarajevo
10 no.6:47-66 Nov-Dec 56.

1.(Infektivna klinika, Sef: prof. dr. Blagoje Dordevic).
(WHOOPING COUGH, manifest.
diag. & ther. (Ser))

STOJSIC, M.; VOJVODIC, Z.; MESIC, S.; VOLJEVICA, C.; SAHIRBEGOVIC, A.

Tuberculous meningitis in the Sarajevo Infectious Clinic from July 1, 1955 to June 30, 1959. Tuberkuloza, Beogr. 12 no.4:433-454 '60.

1. Infektivna klinika, Sarajevo (predstojnik: prof. dr Bl.Dordevic)
(TUBERCULOSIS MENINGEAL epidemiol)

STOJSIC, Milorad, d-r; SECIRREDOVIC, Aziza; VOLJEVICA, Camila, d-r

Diagnosis of Heine-Medin disease. Med arh., Sarajevo 14 no.1:
73-85 Ja-F '60.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu, Sef:
prof. d-r Bl. Dordevic.
(POLIOMYELITIS diag.)

STOJSIC, Milorad, doc. d-r

Considerations on meningeal syndrome. Med.arh., Sarajevo 14 no.7:
113-135 Ja '61.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu (Sef: prof.
d-r Blagoje Dordevic)
(MENINGES dis)

STOJSIC, Milorad, doc. dr.

Differential diagnosis of prolonged febrile conditions. Med. arh.
15 no.5:35-43 S-O '61.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu (Sef:
prof. dr Bl. Dordevic).
(FEVLA diag)

STOJSIC, M., dr, doc.; KOSTIC, Z., dr; PUTNIK, Lj., dr; VOLJEVICA, C., dr;
BAROS, T., dr; MILISAVLJEVIC, D., dr; LJUBUNCIC, L., dr; TERZIC, N. dr;
GOLUB, B., dr.

Enteroviral paralysis. Cases observed during 1960 in the Sarajevo
Infectious Hospital and in the infectious ward of the Mostar hospital.
Med. glasn. 15 no.11:375-380 N '61.

(POLIOMYELITIS epidemiol)

STOJSIC, M., doc., dr.

Treatment of suppurative meningitis. Results of the treatment of 187 cases of epidemic meningitis. Med. arh. 16 no.1:55-66 Ja-F '62.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu (Sef: Prof. dr Bl. Dordevic)

(MENINGITIS ther)

STOJSIC, M., doc. dr.; PUTNIK, Lj., dr.; KOSTIC, Z., dr.; MILISAVIJEVIC, M.,
dr.; RAPIDZIC, M., dr.

Whooping cough in an infectious disease clinic in Sarajevo during the
past 3 years. Med. arh. 16 no.3:35-48 My-Je '62.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu (Sef: prof.
dr Blagoje Dordevic).

(WHOOPIING COUGH statist)

YUGOSLAVIA

Docent Dr M. STOJSIC, Infectious Diseases Clinic of Medical Faculty
(Infektivna klinika Medicinskog fakulteta), Head (Upravnik) Prof Dr
B. DJORDJEVIC, University of Sarajevo.

"Post-Vaccinal Encephalitis."

Belgrade, Medicinski Glasnik, Vol 16, No 9, Sept 1962; pp 391-393.

Abstract: Postvaccinal encephalitis was seen in 3 children, aged 6
and 11 months, and 3 years respectively, in Sarajevo in 12 years.
One died; this was the 3-year-old which agrees with the general
consensus that older children are more susceptible. The literature
is reviewed in detail and discussed. Six tables, 20 Western
references.

1/1

STOJSIC, Milorad; DIKIC, Aisa; BAROS, Tatjana; DJORDEVIC, Dragan

Malignant staphylococchia of the face. Srpski arh. celok. lek.
90 no.6:629-634. Jo '62.

1. Infektivna klinika Medicinskog fakulteta Universiteta u
Sarajevu Sef: prof. dr. Blagoje Djordevic.

(STAPHYLOCOCCAL INFECTIONS)
(FACIAL DERMATOSES)

S

STOJSIC, Milorad

Cases of tonsillar diphtheria with paralysis. Srpski arh.celok.
lek. 91 no.9:825-830 S'63.

1. Infektivna klinika Medicinskog Fakulteta Univerziteta u
Sarajevu. Upravnik: prof.dr. Blagoje Dordevic.

★

STOJSIC, M., doc. dr.

Classification and therapy of anginas. Med.Glas.17
no.11/12:452-455 N-D '63.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu
(Upravnik: prof. dr. B. Bordevic).

STOJIC, M., doc. dr.

Cephalic tetanus. Med. arh. 12 no.2:57-61 Mr-Ze '64.

1. Infektivna klinika Medicinskog fakulteta u Sarajevu (Sef:
prof. dr Bl. Iordjevic).

STOSSIC, M.

Group syndrome etiology. Higijena 16 no.2:109-112 ' 64.

STOJSIC, Miroslav, doc. dr.

The group syndr. me. W-1. glas. 12 no.1:10-15 Ja '65.

1. Infektivno obojenje Opste bolnice u Nisu (Nacelnik: doc.dr.
M. Stojsic).

DIMITRIJEVIC-SOKCIC, Milica, dr; LIPMAN, Emil, dr; STOJSIC, Stevan, dr

Our 1st experience with chlorpropamide in the treatment of diabetes mellitus. Med. glas. 16 no.2:80-83 P '62.

1. Interno odeljenje Gradske bolnice u Subotici (Nacelnik: dr V. Percic)

(ANTIDIABETICS ther)

YUGOSLAVIA

Dr St. STOJSIC and Dr E. LIEMAN (Affiliation not given.)

"Symposium on Diseases of the Liver, Gallbladder and Bile Ducts."

Belgrade, Medicinski Glasnik, Vol 16, No 9, Sept 1962; pp 412.

Abstract: Report of this Second Annual Meeting on Internal Medicine held in Palic June 1962 under the sponsorship of the Internal Medicine Section of the Serbian Medical Association for the Autonomous Region of Vojvodina, briefly reviewing subjects of around 30 papers presented on infectious hepatitis, serum transaminase test, cholestatic hepatoses due to drugs; parasitic diseases and infections; congenital atresia. Next year, meeting will also be held in Palic, devoted to Metabolic and Endocrine Diseases. A drug exhibit is part of meeting.

1/1

STOJSIC, S., and LIEMAN, E. [affiliations not given].

"Third Regular Conference of Specialists in Internal Medicine of the Autonomous Province of the Vojvodina."

Zagreb, Liječnički Vjesnik, Vol 85, No 9, September 1963, p 1012.

Abstract: The conference was held at Lake Palic 30 May-1 June 1963, was attended by interested physicians from throughout Yugoslavia, and was devoted to illnesses of the endocrine system and metabolic diseases. The fourth such conference will be held at the same place and will be devoted to gastro-enterological problems.

No references.

1/1

[illegible]

physiological and functional examination of the patient records in regard to alcohol. Vol. 1, page 17. 12-25-62 14.

1. Odjeljenje za unutrašnje bolesti Gradske bolnice u Subotici
(Marešinski dr. Vinco Perčić) i Odjeljenje za patologiju i patološku
anatomiju Gradske bolnice u Subotici (Marešinski dr. Ladislav
Stekić).

1. 1970, 1971, 1972, 1973, 1974

1. 1970, 1971, 1972, 1973, 1974
1. 1970, 1971, 1972, 1973, 1974

1. 1970, 1971, 1972, 1973, 1974
1. 1970, 1971, 1972, 1973, 1974

PERCIC, Vinko; LIEMAN, Emil; SVRAKA, Ladislav; STOKSIC, Stevan

Functional and histological changes in the gastric mucosa in cardiac patients. Med. pregl. 18 no. 3:81-87 ' 65.

1. Odeljenje za unutrasnje bolesti Gradske bolnice u Subotici (Nacelnik: dr. Vinko Percic) ; Odeljenje za patologiju i patolosku histologiju Gradske bolnice u Subotici (Nacelnik: dr. Ladislav Svaka).

L 33009-66 EWP(t)/ETI IJP(c) JD/WW/JQ SOURCE CODE: PO/0046/65/010/012/0747/0752
ACC NR: AP6024166

AUTHOR: Mino, Stefan--Mints, S.; Sobkowski, Jerzy--Sobkowski, Ye.; Stok, Mirosława

ORG: Department of Physical Chemistry, Warsaw University, Warsaw

TITLE: Kinetics of the reaction of oxidation of U(IV) ions by Fe(III) ions in sulfuric acid solutions

SOURCE: Nukleonika, v. 10, no. 12, 1965, 747-752

TOPIC TAGS: sulfuric acid, oxidation, uranium, iron, ion concentration, thermal effect, reaction rate, chemical kinetics

ABSTRACT: Measurements of the course of the reaction between U(IV) and Fe(III) ions were carried out. The reaction rate rose as the sulfate ion concentration was increased and hydrogen ion concentration decreased. The temperature effect was also investigated. Orig. art. has: 2 figures and 3 tables. [Orig. art. in Eng.] [HA]

SUB CODE: 07 / SUBM DATE: 06Oct65 / ORIG REF: 003 / OTH REF: 006

Cord

St. Marius

St. Marius J. Sur la géométrie conométrie des

"APPROVED FOR RELEASE: 08/26/2000

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APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653330003-7"

✓ Stoka, Marius I. Sur les groupes continus finis réels G_r ,
associés aux groupes complexes G_r . Com. Acad. R. P.
Romine 5 (1955), 949-953. (Romanian. Russian and
French summaries)

Let G_r be a Lie group of r complex parameters operating
in a space of n complex dimensions. There is associated
to G_r a Lie group G_r of $2r$ real parameters operating in a
space of $2n$ real dimensions. The present note gives
expressions for the infinitesimal elements and structure
constants of G_r , in terms of those of G_r . P. A. Smith.

1 - F/2

91-111 111111

01-111 111111 La mesure d'un ensemble de 111111
dans un ensemble de 111111

STOKA in 1.

The Measure of the Group of the Conics of a Plane

Stoka, Marius I. Sur la mesure de l'ensemble des coniques du plan. An. Univ. "C. I. Parhon" Bucuresti. Ser. Sti. Nat. 5 (1956), no. 11, 41-44. (Romanian. Russian and French summaries)

The invariant measure of the group $x' = a_1x + a_2y + a_3$, $y' = a_4x + a_5$ is given by the integral of the differential form $(a_1a_4)^{-1}[da_1da_2da_3da_4da_5]$ and coincides with the measure (invariant with respect to the projective group)

for sets of conics written in the form $(a_1x + a_2y + a_3)^2 + (a_4y + a_5)^2 = 1$. L. A. Santaló (Buenos Aires)

2
1-FIW

STOKA, N.

About subgroups of a measurable group Gr. p. 393. Academia
Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 6,
no. 3, Mar. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, no. 9, Sept. 1955

STOKA, MARIUS

Stoka, Marius I. Sur les groupes G , mesurables d'un espace E_n . *Publ. R. P. Roum.* 6 (1959), 745-751. (Romanian. Russian and French summaries.)
Let G be a Lie transformation group operating in E_n . It is shown that there exists an invariant integral in E_n if and only if G operates transitively and certain relations involving the infinitesimal transformations and their derivatives are satisfied. If $n=1$, transitivity alone is necessary and sufficient.
P. A. Smith.

1-F.W

Math

3

5/1/60
MT

On the Measurement of Families of Varieties of a Euclidean Space, E_n
Stoka, Marius I. Sur la mesure des ensembles de
variétés d'un espace euclidien E_n . Com. Acad. R. P.
Rouine 7 (1957), 313-317. (Romanian. Russian and
French summaries)

Let F be a family of varieties in E_n and G a group of
transformations which leaves F invariant. The author,
(theorem 2) affirms that if F admits a measure invariant
with respect to G , this measure is unique (independent of
 G). However, the groups of euclidean and non-euclidean
motions give different invariant measures for the family
of straight lines on the plane, a fact which seems to the
reviewer to contradict the theorem.

L. A. Santaló (Buenos Aires).

2
1-FW

Concerning the Measurable Groups of a Space R_n

Stoka, Marius I. Sur les groupes G , mesurables d'un espace R_n . Com. Acad. R. P. Rouine 7 (1957), 581-585.

(Romanian. Russian and French summaries)

Let G be a Lie transformation group operating in E_n .

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~~system of~~ linear differential equations with variable coefficients

Let y_1, y_2, \dots, y_n be functions of x satisfying the system of linear differential equations with variable coefficients

$$y_1' + p_1(x)y_1 + \dots + p_{n-1}(x)y_{n-1} = Q_1(x), \\ y_2' + p_2(x)y_2 + \dots + p_{n-1}(x)y_{n-1} = Q_2(x), \\ \dots \\ y_n' + p_n(x)y_n + \dots + p_{n-1}(x)y_{n-1} = Q_n(x),$$

in which p_1, p_2, \dots, p_{n-1} are functions of x and Q_1, Q_2, \dots, Q_n are functions of x . The functions y_1, y_2, \dots, y_n are assumed to be linearly independent.

$$y_1 = \int \frac{Q_1(x)}{W(x)} dx + C_1,$$

$$y_2 = \int \frac{Q_2(x)}{W(x)} dx + C_2,$$

$$y_3 = \int \frac{Q_3(x)}{W(x)} dx + C_3,$$

$$y_4 = \int \frac{Q_4(x)}{W(x)} dx + C_4,$$

$$y_5 = \int \frac{Q_5(x)}{W(x)} dx + C_5,$$

$$y_6 = \int \frac{Q_6(x)}{W(x)} dx + C_6,$$

$$y_7 = \int \frac{Q_7(x)}{W(x)} dx + C_7,$$

$$y_8 = \int \frac{Q_8(x)}{W(x)} dx + C_8,$$

$$y_9 = \int \frac{Q_9(x)}{W(x)} dx + C_9,$$

$$y_{10} = \int \frac{Q_{10}(x)}{W(x)} dx + C_{10},$$

$$y_{11} = \int \frac{Q_{11}(x)}{W(x)} dx + C_{11},$$

$$y_{12} = \int \frac{Q_{12}(x)}{W(x)} dx + C_{12},$$

$$y_{13} = \int \frac{Q_{13}(x)}{W(x)} dx + C_{13},$$

$$y_{14} = \int \frac{Q_{14}(x)}{W(x)} dx + C_{14},$$

$$y_{15} = \int \frac{Q_{15}(x)}{W(x)} dx + C_{15},$$

$$y_{16} = \int \frac{Q_{16}(x)}{W(x)} dx + C_{16},$$

$$y_{17} = \int \frac{Q_{17}(x)}{W(x)} dx + C_{17},$$

$$y_{18} = \int \frac{Q_{18}(x)}{W(x)} dx + C_{18},$$

$$y_{19} = \int \frac{Q_{19}(x)}{W(x)} dx + C_{19},$$

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1. Glavnyy inzhener Korosten'skogo zavoda "Oktyabr'skaya kuznitsa"
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EPR/EWP(j)/EPF(c)/BDS

AFPTC/ASD

Ps-4/Pq-4/Pr-4

RM/WW

ACCESSION NR: AP3001797

Z/0043/63/000/005/0337/0345 75

AUTHOR: Staudner, E. (Engineer), Beniska, J. (Docent, Engineer, Science Can-
didate), Stoklasa, K., Mosny, J., Dohanyos, J. 72

TITLE: Modifications of rubbers (Part 4). Study of the composition of mixtures
resulting from modifications of butadiene-styrene rubber by polystyrene [pre-
sented at the high polymer chemistry conference in Smolensk 12-15Sep1962]

SOURCE: Chemické zvesti, no. 5, 1963, 337-345

TOPIC TAGS: synthetic rubber solubility, synthetic rubber solvent, chloroform
rubber solvent, acetone solvent separation, selective precipitation, preci-
pitation control, photocolormeter

ABSTRACT: The article describes a method for separating individual components
in the mixtures of butadiene-styrene rubbers modified by polystyrene. A mix-
ture of methanol with acetone in ratios of 1:3 to 1:9 is suitable for the se-
paration of polystyrene from the rubber; this mixture precipitates polystyrene
from a solution in benzene while rubber remains in solution. Pure methanol or
pure acetone do not give satisfactory results; neither do mixtures in other

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proportions than those stated. Petroleum ether precipitates only polystyrene from benzene solution; precipitation starts when the amount of petroleum ether reaches the amount of benzene present, and is completed at a ratio of benzene 3 to petroleum ether 7. Synthetic rubbers trade name Polysar-Krylen NS and Vestyron N were studied according to the method described; changes occurring as a function of the duration of mixing were noted. Increase of mixing time causes increase in the amount of copolymers. The method was checked for selectivity of precipitation of components by measuring extinction with a photometer. Orig. art. has: 7 figures and 2 tables.

ASSOCIATION: Katedra organickej technologic Slovenskej Vysokej Skoly Technickej, Bratislava (Chair of Organic Technology of the Slovak Technical University)

SUBMITTED: 05Oct62

DATE ACQ: 25Jun63

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NO REF SOV: 003

OTHER: 011

Card 2/2

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